

MILATARI

Vol.5 Nbr.9

Price \$1.50

August 1986

ANNOUNCING:

The 3rd Annual
MILATARI PICNIC AUG 23
Falk Park 2013 W Rawson Ave.
Oak Creek (Just west of I94)
1:00 PM till 6:00 PM

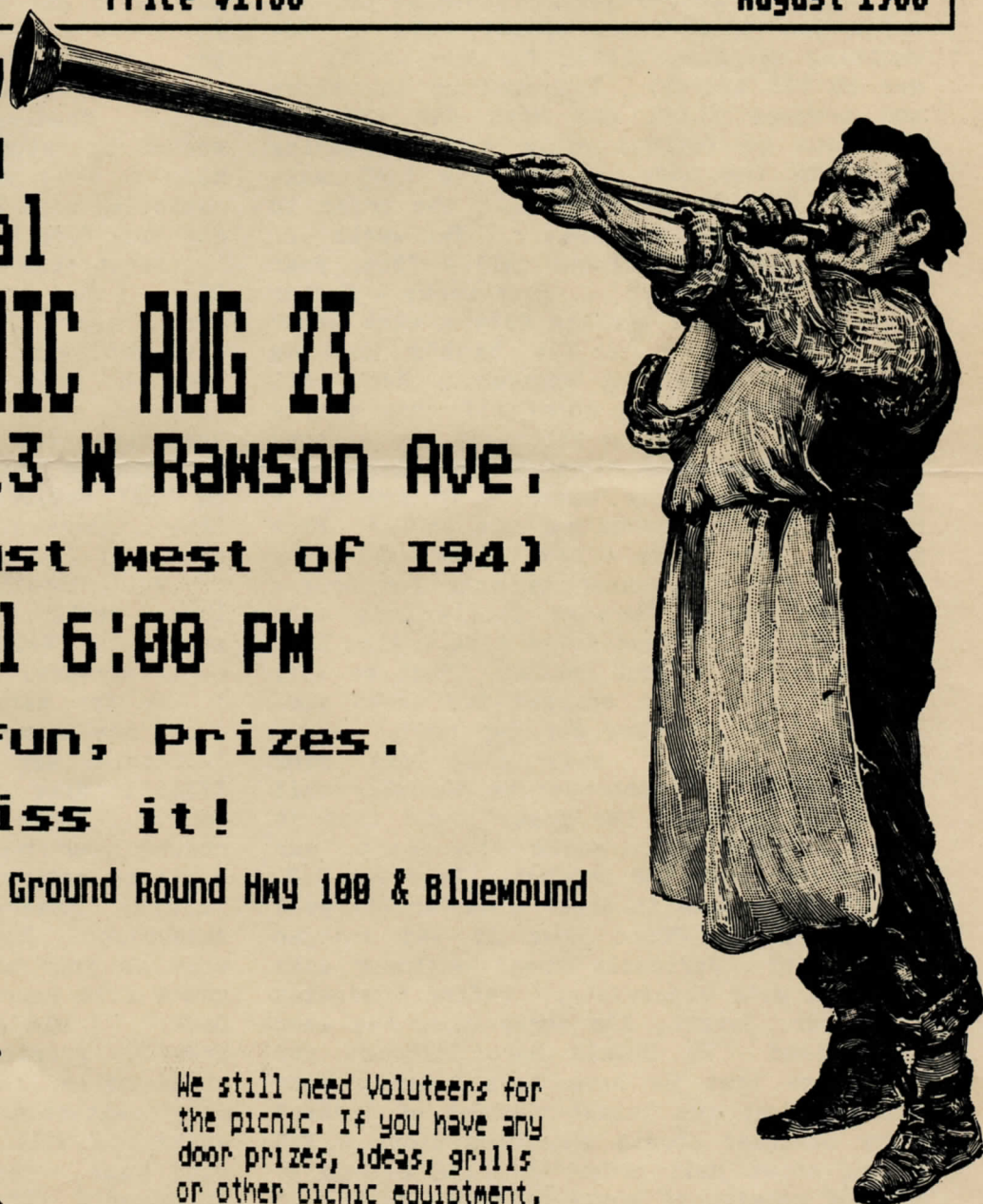
Games, Food, Fun, Prizes.

Don't Miss it!

August 25 7PM Board Meeting Ground Round Hwy 100 & Bluemound



We still need Volunteers for
the picnic. If you have any
door prizes, ideas, grills
or other picnic equipment,
or suggestions call:
CARL MIELCAREK 355-3539





MILATARI NEWSLETTER



PAGE 2

Mail Order Blues
or Caveat Emptor

(C) Copyright 1986 Roy Duvall Jr.

WARNING: These are the experiences of one person any assumptions are your own.

Oh boy I was excited. I opened my June Antic (in April?) and found lots of new exciting sounding titles for the 520ST. I was in 7th heaven. I picked up the phone and ordered FLASH and MAPS AND LEGENDS, *(reviews to follow) after a few pleading words to the wife. Then the LONG wait began. I even Master Charged the order to speed it along. One week ... Two weeks ... Three weeks ... 1st Phone call - "Yes, your order is on its way" ... Four weeks - Master Card Bill arrives posting date a week after the phone order. (The bank's getting interest, I'm getting anxious) Next call (AT&T is even making money off this deal - I'm doing my best to stimulate the economy single handed) same story "It can take 4 to 6 weeks to get your order. If you don't receive it in 6 weeks call us back." Five weeks ... Six Weeks - next phone call (by the way the 800 number is only for orders and the Customer Service people only take calls 9AM to 2PM West Coast time. Also they do not accept collect calls.) "Let me see, Yes your order was shipped two weeks ago. It should be arriving any day now". Angry customer asks if they ship via pony express. 'Mike' responds: We normally wait two weeks to have the money clear then it takes about two weeks to have our distributor ship the product. They use U.S. Mail." Two weeks to clear a Master Charge ? Seven weeks - "Good news it was shipped yesterday!" Seriously upset customer asks to speak with supervisor. (after 5 minutes wait) "Mr. Duvall, I'm sorry Mike has been disciplined He Should have informed you weeks ago that we have been holding your order to get the latest version of FLASH." Angry customer spouts something about a FTC Ruling about Mail order shipping within 30 days of receipt of money or money back ... Supervisor 'Erik' changes subject. "Mike, will call you back in 4 days. To make sure you receive the products and they are to your satisfaction."

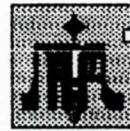
Three days later the products arrive along with the August Antic with an article reprinted from our MILATARI newsletter by Gerald Hagopian. Interestingly, Gerry submitted a similar article to Antic and was rejected. (What a way to keep costs down!) . Four days ... 1 week ... 10 days Still no call from 'Mike'. Next call. After 9 minutes of 'Hold' I get a dial tone. Next two calls get answered and hung up. (does Antic own a lot of stock in AT&T?) Finally, the switchboard operator takes my number because "There is no one to handle my call." Needless to say, I was Ticked. I wanted to return Maps & Legends because it didn't meet my expectations. But was satisfied with FLASH. But now I didn't want anything from this organization!

About this time I received a letter from OSS. I had ordered PERSONAL TOOLS about 10 months ago. The letter stated that due to many problems, they regretted to inform me that the product was canceled. The letter included my ORIGINAL CHECK. These people understand the FTC Rules and even though I am saddened that the product was canceled, I am VERY satisfied with their organization. (About January, they sent a delay notice asking if I wanted a refund.)

Well, ANOTHER week passes in my ANTIC lues, still no word from Customer NON-service. Well, I'd thrown away so much money already, why not one more phone call. I ask for manager Customer Service ... " Just one moment " ... 8 minutes later "Editorial may I help you..." more waiting "This is Mike ... Sorry, there is nothing I can do. Send your product back and we'll refund your money. ... I have many phone calls to return, I don't know about yours." Totally exasperated customer asks for supervisor. More waiting "Hello, Mr Duvall what is your zip code. ... I'm sorry we can't find your paperwork. May we call you back." I did my best to explain about the previous promises and assurances of return phone calls. Erik replies: " We have had many switchboard operators in the past 3 weeks. I WILL call you back as soon as we find your order." (Furious customer thinks to himself 'If they treat their operators half as bad as their customers I see why they can't keep them.")

MILATARI
Picnic
Aug 23





Later, will miracles never cease, Erik returns the call. "Mr. Duvall, we can not find your paperwork. Can you send us a copy of you bill. We'll give you a full refund, as soon as, it arrives. Keep the products." Stay tuned to see if I even get my money back. Anybody want a Maps & Legends, I'll donate it as a door prize at a future meeting.

People, software developers, I STRONGLY recommend that you avoid buying from or distributing software through Antic Publishing. They taint even the best of products! P.S. I have offered Antic the opportunity to respond to this article. I wonder what will come first the rebuttal or my refund?

Some late breaking news... As I was pasting up this article good ole Erik Gupton calls. "Hello Mr. Duvall ... The day after we last spoke Mike found your original paperwork. It had noted many messages were left to call you. I spoke with my boss and she wants you to return your products before credit is to be given." Astonished customer asks him about his prior personal commitment. "Well, that was before I had your paperwork. Now, I think we met our responsibility ... the paperwork notes call attempts July 7, 10, 11." I asked to whom did you speak? What message did you leave? "I sorry, Mike is not here now I do not know." To this I responded: Unless, you left a message with my 5 year old son, I would have received the message. Can I speak with your Boss? "I'm sorry, but she just left on two weeks vacation." Well, I asked if her boss was available. "You mean the publisher?" Yes, I respond, have him call me! "...Someone will call you in 48 hours."

Well, folks maybe I'm looking at this occurrence all wrong. It takes alot of diligence and commitment to make sure your customers are this unhappy. By the way the above offer of Map & Legends is herewith revoked. Remember, if you need a new excuse to offer your customers, I recommend you call ANTIC Customer Service, they have hundreds of excuses they haven't used yet! They give new meaning to the words honor and commitment implied with their statement: "Products from 'THE CATALOG' are backed by the 'Antic Customer Satisfaction Guarantee'!"

[Reprinted from the May, 1986 issue of CURRENT NOTES: The Newsletter for Atari Owners.]

ST UPDATE

by Joe Waters and Frank Sommers

From Prototype to Product

In this column and, perhaps, elsewhere you have read announcements about a variety of new Atari products. But, somehow, after you hear of the product nothing seems to happen for months at a time. Where are these new marvels? Somewhere on that journey that takes an idea and transforms it into a commercial product. Let's take a moment this month to review what is actually involved.

Atari is now primarily a hardware company. The first step in creating new hardware is engineering. The product must be designed or engineered. When the various hardware components are put together to make a model, software must be created to work with that hardware. In most instances the software development is much more time consuming and expensive than the hardware development. When hardware and software work together, a packaging team works on putting the product into some kind of attractive packaging that would appeal to consumers, be inexpensive, and still meet all functional requirements. Now the product is shown to Jack Tramiel.

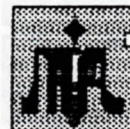
If Jack likes it (will it sell 25,000 units in a year?), we go on to the next stage, otherwise it is back to the drawing board. When the product is given the go ahead, the prototype is shipped to the Federal Communications Commission (FCC) for approval. Actually, two prototypes are constructed and the second is sent off to the Underwriter Labs for the UL stamp of approval. Because of their normal backlog, anything sent to the FCC sits around for three months before anyone can even start working on it. While waiting for FCC approval, the factory can start making plans for mass producing the product.

If the FCC and UL approve the product, factory production can start; if not, it is back to the design phase to try and correct whatever faults were detected. Building a prototype by hand is a very different process than trying to build the same thing on an assembly line. When the first units start rolling off the assembly line, they have to be tested to see if they still do what they're supposed to do. If they fail the test, back to the factory for reworking. If they pass, then the FCC and UL are once more called in. You see not only the prototype but the final production model must have FCC approval. If the product passes these final tests, it gets that long sought after certification sticker.

Done? Nope. Now the production line swings into full gear, products are produced (in Taiwan) and must be shipped to the US. Once in the US, Customs steps in and does its thing. When the product passes customs, Atari quality control takes over. On any new product, one out of every two units are tested. This whole production, shipping, customs, testing process takes a minimum of about six weeks.

Another two to three weeks will still be needed to get the product in the distribution pipeline from

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130XE Keyboard Repair (to the plastic circuit tracer sheet)

This repair procedure was suggested by Joe Kasper (former Mil*Atari Club member), developed by Doktor Peter Kurth and written up by Steve Armstrong, both Mil*Atari Club members.

If your 130XE exhibits any of the following symptoms then you will need to use the following repair procedure since replacement keyboards are in such short supply.

SYMPTOM CHECKLIST

- 1) Your LED light dims or fades altogether
- 2) Your function keys HELP, START, SELECT and OPTION fail to work
- 3) Your SYSTEM RESET key fails to work
- 4) Any particular character key fails to work.

The repair requires disassembly of the computer cpu and then the keyboard. When you open up the keyboard assembly you will be surprised to find a plastic sheet with lots of black lines. This is a unique cellophane carbon traced circuit sheet which contains the lines of circuitry for your keyboard. Your keys have little carbon feet which make contact with the black spots. These lines can wear out or be rubbed off due to normal wear and tear. The lines can be repaired using a resin found in the (Loctite) Quick Grid, Window Defogger Repair Kit, about \$7.00 at most auto-part stores such as Whitlock. Soldering CANNOT be done to this plastic sheet.

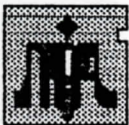
Equipment needed:

- 1) Quick Grid Rear Window Defogger Repair Kit, part number 15067
- 2) Masking Tape
- 3) Round point wood toothpick
- 4) Small Phillips head screwdriver
- 5) A magnifying glass and a good light
- 6) A dish to hold all the itty bitty screws
- 7) Patience, Good lighting and maybe a magnifying glass!
- 8) A good high-impedance Ohm-meter (available at Radio Shacks)

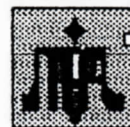
(NOTE: low-impedance Ohm-meters can BLOW your CHIPS! Ok. there's no chips on the plastic sheet but if you need to do other work on your computer you will need to use one.)

The steps involved are as follows:

- 1) Turn your 130XE unit over and remove the four main screws and set them in a dish.
- 2) Pull out the clear plastic edge-connector with the many parallel black or silvery lines very carefully from the motherboard and lift out the entire keyboard unit.
- 3) Unscrew the metal box that comprises the keyboard unit. Place the 20 little screws in the dish.
- 4) Once you have taken the box apart CAREFULLY remove the plastic sheet with the silvery lines on it (on the back side they will appear carbon-black).
- 5) Now use a ohm-meter to check for breaks on the black side of the sheet in



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the lines. (Not the silvery side)

- a) Find the two lines that correspond to the key(s) that do not work.
- b) Follow the traces to the edge connector with your meter's leads.
- c) Place one lead on one of the key contacts and place the other on the trace at the edge connector and test for the passage of current.
 - 1) If there is low resistance then the line is ok.
 - 2) If there is high resistance then the line needs repair, i.e. the line is open and there is a break.

6) When you have found line with the break in the trace (the black lines) then you can begin to repair. Examine with the magnifying glass to find the location of the break or scratch in the line.

a) Mask the areas around the line with masking tape. Be sure it is taped firmly to avoid running resin onto adjacent lines

b) Use the Grid Repair resin to paint-in the lines. Be sure you have shaken the bottle for several minutes before applying.

c) Apply 2-3 coats, checking between coats for improved conductivity using the Ohm-meter. After each coat inspect the sheet. Be alert for resin flowing onto adjacent lines, as this causes short circuits. After the resin has dried take the round wood toothpick and GENTLY scrape away the resin between the lines. Use a straight edge ruler to guide your scraping to avoid cutting any other lines. Let the resin dry for one minute between applications. If the connections test out ok then you can use a piece of scotch tape to protect the resin covered line from further damage.

d) When good connections have been restored and secured you can reassemble your computer keyboard.

7) Place the plastic circuit sheet on top of the keyboard and be sure to hit all the locating slots and pins. Place the metal box on top of the plastic sheet. The silvery side of the sheet should be face up--the black lined side must face the keys in order for your keyboard to work.

8) When you reinsert the edgeconnector of the plastic circuit sheet into the motherboard be sure to hit all the guideholes and to not tear the sheet.

9) Put all 20 itty bitty screws back into the metal keyboard back.

10) Replace the reassembled keyboard unit into the CPU (rightside up) and then flip it over and use the four remaining big screws to reassemble the 130XE.

11) You may test the 130XE briefly but allow 24 hours for the resin to harden and fully dry before extensive use.

12) Get out your checkbook and send a nice donation to Mil*Atari out of gratitude for having your computer back in working order!

MIL*ATARI PROMIS AUG 23 PALM PARK 1-6PM



Atari, through distributors, to, finally, your local stores. There, provided there is no long waiting list, you can now go and purchase the product.

New Product News

Now that you have some idea of the production process, let's see where things stand. The release date (when the product should be available in local stores) for the 20-MB hard disk drive is May 26. The first two prototypes of this product received their FCC approval in early April. The final version will have a metal case (just like the drives shipped to developers). The drive is a half-height Seagate with an Adaptec controller. The initial price will be \$799, however, Atari is planning on producing their own controller for the drive and when they do the price will come down an additional \$100.

The IBM V20-Emulator was sent to UL and to the FCC for approval at the end of April. This means we will probably not know until late summer whether FCC approval is forthcoming. By the way, the name derives from the NEC V20 chip (an 8088 clone) used in producing the emulator. While we are on the topic of emulators, you should be aware that emulating an IBM on an ST will not be your only option. Atari WILL BE producing an ST Emulator for the IBM. Yes, IBM owners will be able to run ST software too.

Look for a 1200 baud ATARI modem in June. It will be 100% Hayes compatible -- it will even look like a Hayes except for the case being gray. Anticipated price is \$100. The modem will have both an RS-232 port as well as a serial I/O port so it can be used by either ST owners or XE owners. For an additional \$20, you can get the necessary cables and software for the modem. Atari has developed software for the ST and the XE as well as for Apple and Commodore computers. Although no firm decision has been made, Atari is taking a look at producing a 2400 baud modem since the incremental cost would only be about \$50-\$60.

At the moment it looks like Toshiba will get the nod on the Atari Laser Printer. While negotiations are still underway, Atari is working internally on producing a desk-top publishing program to go hand-in-hand with their laser printer. (Hey, Jack! We may be able to make this an ALL-ATARI publication after all. Just let me know when you want some testing done.)

DRI is no longer involved in future enhancements to TOS; the work is all being done internally at Atari. Efforts are centering on fixing known bugs, allowing use of a 60MB hard drive, developing a loading routine so you can boot from the hard drive, and allowing the addition of more (up to 21?) desk accessories. Current TOS chips are now widely available. Indeed, many more TOS chips have been shipped than ST computers. Hmmm. Where are all those TOS chips going? Is anybody making an ST cartridge for the MAC?

The blitter chip is still being developed. Latest production prototypes have shown a tendency to blow up the ST. Whoops. Back to the factory. When things are working correctly and the chip is available (perhaps 2-3 months), it will be sold, complete with a new set of TOS chips, for \$80. Final (as of this writing) decision was NOT to provide a socket in the 1040 for a blitter chip. 1040s will be upgraded just like the 520s, by installing a daughter board.

In the Black

In a recent interview shown on "Strictly Business," Jack Tramiel announced that Atari was in the black for first quarter 1986 to the tune of \$9 million. He also reiterated his philosophy of providing a quality product at an inexpensive price and his intention to sell computers to the masses. Jack expects that Atari will have 20 percent of the personal computer market by 1990. Do you believe him? If so, save your nickles and dimes because Atari will be going public in the not too distant future. By the way, how's your club treasury. In a talk given at the Jersey Atari Computer Society, Sig Hartman said that Atari would provide user groups with a 1040 ST at distributor cost. Well, now, we might be interested in that Sig. Tell us more.

FINAL WORD and Compatibility

Final Word enthusiasts had become Final Word doubters as they attempted to use this powerful, if complex, word processor with their new upgraded ST machines. Word abounded that Final Word was no longer compatible with the upgraded machines, whether we were talking 1 meg or TOS in ROM. In early March a call to Mark of the Unicorn and Robert Nathaniel by CURRENT NOTES uncovered scant data -- no complaints had been received and no patch was available, contrary to local rumour. They agreed to call back if information not then available contradicted that assessment.

No call; no news. A call just before print time and a courteous Robert Nathaniel, head of the division responsible for making Final Word available for the 520ST reported that no identifiable incompatibility existed. Subsequent to our last call, they had gone out and purchased an ST with TOS in ROM and had been unable to detect any problem. They had received queries, letters and complaints, but when each one was pursued there was no evidence of incompatibility. They had not recontacted CURRENT NOTES, assuming it was an incorrect loading problem on our part.

To marked skepticism and insistence on our part that this was not likely, and that locally there were several complaints, Nathaniel replied that a specialist would contact us to clarify the problem. Within 10 minutes Bryan Hess, one of their competent service reps, did indeed call back. He said, as Nathaniel had, that each complaint had been pursued to the best of Mark of the Unicorn's ability. All those problems where the user had detailed his difficulty had been solved and had related to improper set up procedures. (CURRENT NOTES' review of the program in the February issue noted that installation of the program was both complex and not easily understood as layed out in the original documentation.) Hess amplified that there were letters and calls which had not been resolved, because, simply put, the participants were not available to walk thru their problem with the companies service personnel, and had not called back after the original complaint. We then "walked thru" the problem the CURRENT NOTES ST editor had had ever since upgrading his machine. At the moment that the machine had insisted on locking up for the last month, i.e. when executing the advance print function, Hess was told to listen, the key was pushed, and ... over the phone he heard the printer leap to life and the exhale of disbelief from his caller. Three more tries, a thorough check of other functions, and Mark of the Unicorn was congratulated

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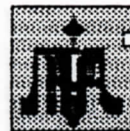
MILATARI Picnic

Falk Park

2013 W Rawson Ave

Oak Creek

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The President's Report
by Ron Friedel

Our family is deeply involved in all normal summertime activities and we are finding less time to spend in front of our computers so I don't have a whole lot to say this month about the computers. But a few interesting things happened that I will tell about later in this article.

First of all I would like to tell you a little about what went on at the board of directors meeting. The number of actual paid-up memberships in MILATARI has been declining for the last few years even though more people are buying the Atari computers. Some of our older and more active members have moved away from the area. Other members have purchased IBM (or it's clones) computers because they need a home computer that is compatible with their computers at work. Some of our ex-members even sold their Atari equipment to buy an Apple. (My 11 year old son wishes we had an Apple so he could "wow" his friends in school with programs that he developed at home.) But, for what ever reason, the membership is declining. As a consequence of the declining membership, we are not in good financial shape. Because of this problem, we decided to institute the following procedures. We in the club have been noticing more people lately at the meetings that are not members. So starting at the September meeting, we will check memberships of the people in attendance. New people, visiting us for the first time, will be given guest passes. Others, who attend many of our meetings, will be asked to join or contribute. Carl Mielcarek, our treasurer, will act as "policeman."

Steve Armstrong, MILATARI's secretary, says that he loves to write. So for this months newsletter, he has written a questionnaire that we would like each of you to look at and fill out. Each questionnaire is numbered and a door prize will be given to that lucky person whose questionnaire is drawn from all those returned to the club before or during the September meeting. Send the filled-out questionnaires to the address on the last page of the newsletter or drop it off at the home of any of the officers of the club.

When I first took on this job, I thought that there was a need for some sort of class or discussion for the beginner. I said earlier that I would have a beginners SIG

(Special Interest Group) on the days of the normal MILATARI meeting. After two meetings, I have discovered that there are too many other things going on during meeting times and I wouldn't be able to get free to conduct a class on meeting days. So I am going to hold the SIG at my home on Tuesdays, August 12th. and 19th. Come anytime after 6:30 PM to 8057 N. 45th. St., Brown Deer. I am an 8-bit user so I would not be able to help you with your ST problems. Come to either or both meetings; call me at 354-1717 for further directions or information. THESE MEETINGS WILL NOT BE COPYING SESSIONS SO DON'T SHOW UP IF THAT IS WHAT YOU HAVE IN MIND.

Now for a few bits of info. I have just learned again some of the problems that the new person to computing can have. Our family TV died (high humidity caused arcing in the flyback transformer) so I moved our 13" Sears TV-RGB monitor into the living room. Now I am using a Zenith amber monitor with the computer. Since the Zenith monitor is smaller than the Sears TV-monitor, I tried to move my 1050 disk drives right next to the Zenith monitor. No go. The Atariwriter+ program would not boot up. So I moved the disk drives to their previous location and now everything works fine. The difference in location is about one foot.

A recommendation. I have been using the EXPRESS! modem programs written by Keith Ledbetter ever since they first appeared in the public domain about 9 months ago. There are a number of versions, one for the 1030 and the XM-301 modems, another for the modems using the 850 interface, still another version for the MPP modem and lastly, one taking advantage of the extra buffer space available when using SpartaDOS. These are good programs; easy to use. My 11 year old son is now working the bulletin boards with no problems.

Some of you know that I have a long time interest in music and have tried various music editing programs on the 8-bit computers. Recently, I bought The Music Studio by ACTIVISION. I will try to write a review for the next newsletter but, for now, I'm disappointed. I do need to spend more time with the program though to give a fair review.

I hope to see all of you at the PICNIC at Falk Park in Oak Creek on August 23rd. Bring your own food; we will supply the soda and beer. Come anytime between 1 and 6 in the afternoon.



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MILATARI PICNIC AUG
Folk Park Oak Creek 23



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MilAtari BOARD MEETING MINUTES 7-21-86

Members Present:

Ron Friedel (Pres. & accn't 4)
Steve Tupper (VP)
Carl Mielcarek (Treasurer)
David Mumper (ST Sig)
Rich Dankert (BBS)
Bill Feest (Publications)
Dennis Wilson (Disk Librarian)
Lee Musial (Cassette Librarian)
Gary Nolan (Fuzzy ex-pres.)
Bob Bubinger (at large)
Peter Kurth (Mr. 'Mod')
David Fraser (ex-pres. club)
Steve Armstrong (secretary)

Members Missing:

Roy Duvall (Newsletter)
You (concerned member)
Andyou! (unconcerned member)

Officers Report:

V.P. Steve T.: Upcoming Events

8/86 PICNIC! Volleyball, games, etc.

9/86 Tom Twilleger's Learning Phone
-accesses CDC's Plato System!
Peter Kurth will have a demo!

Treasurer Carl M.: Report

Income & Expenses reported
Bills presented

MOTION:

Board Authorizes Payment of Bills

Mvd: Gary N
Scd: Lee
Crd: Unanimous

Secretary Steve A: Report

BASIC Class ended for summer
Survey results to indicate need for
another class.

MOTION:

Survey will be included with August
newsletter. Peter Kurth to compile
results. Drawing for Doorprize 9/20
for 1 of returned surveys using stub
found on top of survey.

Mvd: Steve T.
Scd: Gary N.
Crd: Ayes-unanimous

Disk Librarian Dennis W: Report

ST PD Disk collection expanding fast
25 available
10 new master disks already
8 more coming

CONCERN: Lots of disks to sell and
maintain. Expenses incurred.

MOTION:

Club policy--Club to pay cost of
master copies of all club disks.
Librarian may keep 1 disk from
set as remuneration.

Mvd: Gary N
Scd: Peter K
Crd: Unanimous show of hands

CONCERN: Hard to service all the
demand for ST and 8-bit disks.
Help would be nice.

MOTION: Three positions to be
created as follows:

- ST Librarian (Dennis W)
- 8-bit Librarian (being asked)
- disk sales cashier (being asked)

Mvd: Dennis W
Scd: Peter K
Crd: Unanimous voice Ayes

CONCERN: Lack of enforcement of
policies concerning membership
and access to club resources.

MOTION:

All attending meetings must be
identified: own membership tag or
"I forgot my tag" tag and non-
members to receive a one time
Guest Pass. Carl M to MONITOR
attendance.

Mvd: Steve A
Scd: Bill F
Crd: Voice Ayes Unanimous

CONCERN: Need better accounting of
club funds.



MOTION:

An Income and Expense Report shall be prepared at the end of each month by Carl M. to be published monthly.

Mvd: Dennis W

Scd: Gary N

Crds: Voice Ayes Unanimous

MOTION

An Annual Inventory Report shall be prepared by the end of April to be delivered to the succeeding officers of the Club by the President.

Mvd: Gary N

Scd: Dave F

Ron Friedel approved this measure.

BBS Richard Dankert: Report

7122 calls logged
message base exceeded #1790 7/20/86
1050 drive working well
Noted participation in state wide
BBS sysop organization.
Continued concern to upgrade system
for ST and 8-bit users.

CONCERN: Mil*Atari has 138 club memberships representing 238 single and family individuals. There are 198 users of the BBS of which half are club members. Long-term policy needed for funding the BBS. Survey results may give some direction.

NO MOTION:

Broad support exists for the BBS but funding for the BBS will continue on 'as approved' by Board basis.

Cassette Librarian Lee Musial: REPORT

Cassettes are little used these days since most users have upgraded to disk drives.

Donations of cassette programs are welcomed.

CONCERN: A receipt system should be adopted by the club to provide each donor with the receipt needed for income tax deduction.

The Club Librarians agreed to use a readily available pocket sized Receipt Slip Book for donations.

Publications Librarian Bill F.: REPORT

Our library now exceeds the working capacity of his vehicle. Bill will bring portions of the library on a rotating basis and accept requests for items not present.

The library recently received sets of BYTE, Compute!, ANTIC and Analog from donors and boasts several sets of reference manuals.

CONCERN: Dropping disk prices would allow the club to sell at a lower price and prices change frequently.

MOTION:

Sell disks at 20 cent profit.

Mvd: Dennis W

Scd: Lee M

Crds: Unanimous voice vote

RESULTS:

5 1/4" disks at \$ 7 for 10

3 1/2" disks at \$16 for 10

CONCERN: Need to allocate funds for Club picnic.

MOTION:

Permit Carl M. to bill for picnic expenses not to exceed \$70.

Mvd: Dennis W

Scd: Bill F

Crds: Majority 1 Abstained

10:00 pm Meeting Adjourned

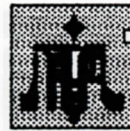
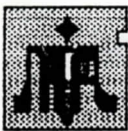
**MILATARI
Picnic**



From Page 6

and Hess said, although he was not sure he had cured a problem "that persistent", yes, he would pass word to the product manager, Bob Nathaniel, that we appreciated his forbearance.

We suggest, per the above, that those of you who have experienced problems you believe may be associated with having given your machine a TOS-in-ROM or Meg change operation, contact their service representatives and go through the problem. Final Word is not a simple word processor, but it is powerful, and within an hour of talking with them our problems were resolved and FW was afloat.



COMPUTER QUOTES

Submitted by Eric D. Coy

While shopping in one of local department stores, I ran across a coffee mug that had various quotes about computers and programming. Because the quotes are so funny (and so TRUE!), I felt that they should be shared. So here they are! (I can't take credit for any of them.)

Laws of Computer Programming

- o Any given program, when running, is obsolete.
- o If a program is useless, it will have to be documented.
- o If a program is useful, it will have to be changed.
- o Any program will expand to fill any available memory.
- o The value of a program is proportional to the weight of its output.
- o Program complexity grows until it exceeds the capability of the programmer to maintain it.
- o Make it possible for programmers to write in English and you will find out that programmers cannot write in English.

Weinberg's Law

- o If builders built buildings the way programmers wrote programs, then the first woodpecker that came along would destroy civilization.

Hare's Law of Large Programs

- o Inside every large program is a small program struggling to get out.

Troutman's Programming Laws

- o If a test installation functions perfectly, all subsequent systems will malfunction.
- o Not until a program has been in production for at least six months will the most harmful error then be discovered.
- o Job control cards that cannot be arranged in improper order will be.
- o Interchangeable tapes won't.
- o If the input editor has been designed to reject all bad input, an ingenious idiot will discover a method to get bad data past it.
- o Machines work; people should think.

Golub's Laws of Computerdom

- o A carelessly planned project takes three times longer to complete than expected; a carefully planned project will take only twice as long.
- o The effort required to correct the error increases geometrically with time.

Bradley's Bromide

- o If computers get too powerful, we can organize them into a committee--that will do them in.

Reprinted from Current Notes

Tip & Traps

by Jim Stevenson & Barry Burke

HACKER

Q. I got HACKER, and can get into it, etc., but I can not trade with the spy, in any city. How do you trade? Also, where is the test site?

- "Gandalf"

A. Test site is Australia.

- "The Nuker"

Q. How can you (or can you) change the time zone so you can get all the pieces before you time runs out?

- "Maxwell Smart"

A. See the option "IR" on the command area? That stands for "INFRA-RED". Push "I" when you are in the dark and you can utilize this incredible TV offer. You will be able to see thru the view port and transact, etc.

P.S.-You can't change the time zone.

-Dan Greenblatt

INFIDEL

Q. What are the coordinates for the Pyramid?

-Barry Burke

A. I'm not sure, but I think it's 24deg. 11' 7" East by 32deg. 12' 37" North.

-Anonymous

WISHBRINGER

Q. I am stuck on Wishbringer. I know that the hellhound's name is Alexis, but every time I say 'Alexis, heel' the hellhound thinks that I am guessing it's name. Does anybody know where or how I find it's name?

-Dean E. Miller

A. You'll be able to find it in the castle. There is a way to get from the town to the castle without walking past the dog.

-Paul Mattia

ULTIMA III

Q. Anyone solved ULTIMA III yet? I have all the items but can not kill Minax.

-Elijah Baley

A. Well, do you have the Mystic Weapons yet? Because you need those to kill the monsters if the castle. You also need to get your magic points and your hit points up and you need all the marks.

-Steve Sniroldo

Q. Can anyone here help me with the spells in Ultima III? I can only remember the first two on the Magic User and the Cleric. And if anyone here breaks into Ultimas with a sector editor, how do you put marks on your character? That's the only thing I can't find.

- "The Nuker"



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Your contributions of articles are always welcome. You may submit your article on ATARI compatible cassette or diskette, on typewritten form or you can arrange with the editor to upload your file via modem. You can send Graphics eight or seven plus screens stored on disk in Micropainter or Micro Illustrator formats.



**I would like to point
out the fact that YOU
haven't submitted an
article for the
MILATARI Newsletter**

Milwaukee Area Atari User's Group

MILATARI is an independent, user education group which is not affiliated with ATARI INC. The newsletter is the official publication of MILATARI and is intended for the education of its members as well as for the dissemination of information concerning ATARI computer products.

MILATARI membership is open to individuals and families who are interested in using and programming ATARI computers. The membership includes a subscription to this newsletter and access to the club libraries. The annual membership fee is \$15 for individuals or \$20 for a family.

Vendors wishing to display and/or sell items at MILATARI meetings must make prior arrangements with the club vice president. Rates are \$10 per meeting or \$90 per year payable in advance.

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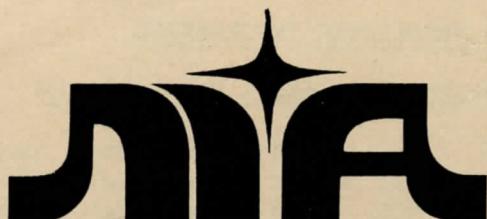
This newsletter will accept camera ready advertising copy from anyone supplying goods and services of interest to our membership.

Current paid members of MILATARI may place classified ads in the newsletter at no charge.

Advertising Rates

Full page	\$37.50
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Coming Tuesday, September 2nd . . .
COMPUTER SOFTWARE CENTER IS ON THE MOVE!

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NEW ADDRESS	10710 W. OKLAHOMA AVENUE (in the Oakridge Shopping Center)
NEW STORE HOURS	Tuesday-Friday 10AM-7PM Saturday 10AM-4PM Closed Sundays, Mondays & Holidays

Until September 2nd, we will be at our 98th Street store . .

COMPUTER SOFTWARE CENTER
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(Two blocks East of Interstate 894)

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